

#10/Reply Brief
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Christopher H. Genly
Serial No.: 09/494,796
Filed: January 31, 2000
For: Providing Information in
Response to Spoken Requests

§ Art Unit: 2654
§
§
§ Examiner: Angela Armstrong
§
§
§ Atty Docket: ITL.0343US
§ P8394

Board of Patent Appeals & Interferences
Commissioner for Patents
Washington, D.C. 20231

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REPLY BRIEF

Sir:

Technology Center 2600

In response to the new arguments contained in the Examiner's answer, Applicant responds as follows:

CLAIM ONE

The Examiner argues that *Haddock* teaches attribute value pairs. But the Examiner argues that "*Haddock* produces a syntactic structure based upon a question/sentence format to represent set of questions, a set of nouns, a set of phrases and a set of verbs". Thus, even by the Examiner's statement, *Haddock* attempts to grammatically define the sentence in order to claim its understanding. After making this point and admission, the Examiner then simply concludes that what *Haddock* does is to develop attribute value pairs. But there is no support for this and it certainly is discredited by his own admission that *Haddock* used a grammatical approach to trying to discern meaning.

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Ella Sisco
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Claim 1 calls for developing a state vector representing the meaning of a query including attribute value pairs for the state vector. A state vector is a representation of the meaning of an utterance by the user made up of attribute value pairs.

Thus for example, a request for "When is X-Files on?" includes an attribute and a value. The request is an attribute whose value is when. The query has title attribute whose value is X-Files. Thus by having a series of attributes and assigning them different values, one can readily simplify sentence structure in a way no where suggested by *Haddock*.

For example, if the questions were when is X-Files on today, or when is X-Files on next week, or when is X-Files on tomorrow, these all may have the same attribute (with respect to when) but that attribute might have different values, those values being today, next week, or tomorrow, respectively. Thus a structure may be developed which enables simplification.

This concept of an attribute which is capable of having different values and the simplification it achieves is no where suggested in *Haddock*. *Haddock's* grammatical approach overlooks this claimed approach which results in considerable ability to simplify speech analysis. Therefore the rejection of claim 1 should be reversed.


Respectfully requested,

Date: 1/14/03



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PATENT TRADEMARK OFFICE



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